



# *AFSPC Corrosion Control Program*

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- **Corrosion Control Areas**
- **Support Activities**
- **Test Projects**
- **Future Meetings**
- **Summary**

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# *Corrosion Control Areas*



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# *Corrosion Control Areas (cont'd)*

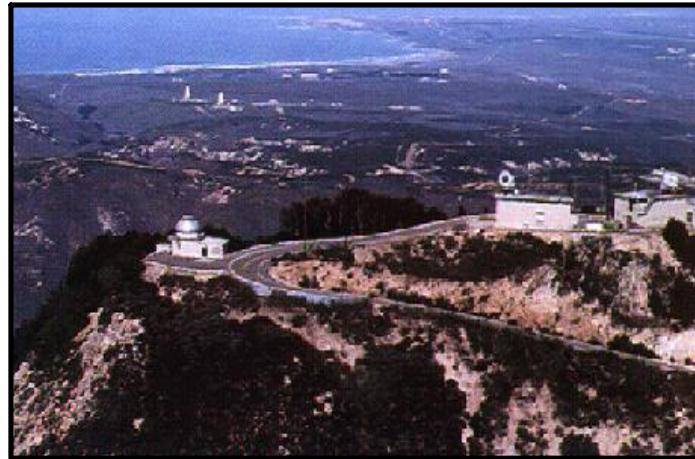
- Spacelift
  - Launch Facilities in Support of:
    - Atlas V
    - Delta II
    - Delta IV
  - Communications-Electronics





# *Corrosion Control Areas (cont'd)*

- **Space Lift**
  - Launch Facilities - Cape & Vandenberg
  - Support Equipment (SE)
  - Aerospace Ground Equipment (AGE)
  - Real Property Installed Equipment (RPIE)





# *Corrosion Control Areas (cont'd)*



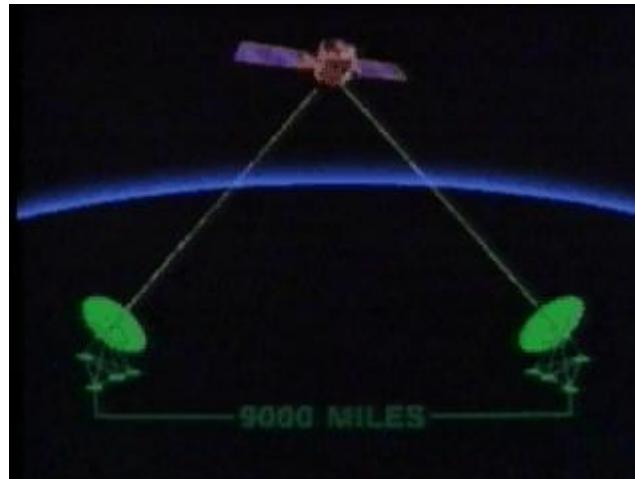
- Aircraft
  - UH-1N Helicopters (AFSPC 25)
  - Lead Command for UH-1N (AF 62)
- Intercontinental Ballistic Missiles
  - Minot
  - Malmstrom
  - F.E. Warren





# *Corrosion Control Areas (cont'd)*

- Communications
  - 60 Major Sites Worldwide
  - 16 Major Programs - DSP, AFSCN, Range, DSCS, DMSP, BMEWS, GPS, .....



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# *Comm-electronics*



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*Range*



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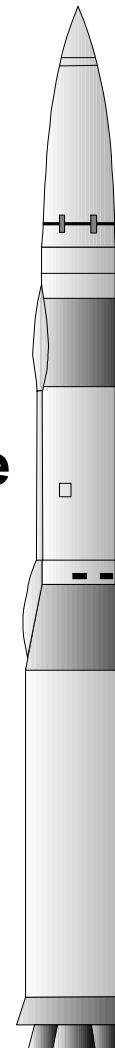
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# *Support Activities*

- Aircraft (UH-1N Helicopters)
  - Unit Level Maint. Performed By Contractors
  - DLM - Corpus Christi Army Depot, TX
- Intercontinental Ballistic Missiles
  - MM III - Maintenance Squadron - Civil Service
- Spacelift
  - Launch Base Support Contractors
  - Launch Vehicle Contractors





# *Support Activities (cont'd)*

- **Communications - Electronics**

- **Ranges - Range Technical Services Contractor**
- **DSP, AFSCN, DMSP, DSCS, GPS, BWEWS, and other systems - Blue Suit and contractor maintained**
- **Mobile DLM - Ogden ALC**





# *Test Projects*

- Seven Projects Currently In Work

- LF 04 Metalization
- Validation of Alternatives to Aliphatic Isocyanate Polyurethanes (AFSPC/NASA)
- VAFB SLC Alternative Coatings (AFSPC/NASA)
- Rust Converting coatings
- Cold Spray Metallization
- Rust Oleum Coatings on Industrial Steel Substrates
- Composite Towers

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# *Metallization of LF 04*



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# Rust Converter



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# Composite Towers



New composite tower



Current tower corrosion



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